Historical values for Length of Day (LOD)

- LOD - 86400 SI seconds [ms]
- Besselian epoch [year]
- LOD increase
  - 2.3 ms/cy
  - 1.8 ms/cy
  - 1.4 ms/cy

- inception of leap seconds in 1972
- slowest rotation of all earth history in 1903
- observations in Newcomb's *Tables of the Sun* mean

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- ET = UT
- TA ≈ UT
- (ET-UT)=32.184s
- 1958-01-01
- GPS = UTC
- 1980-01-06

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